

**From:** [Noreen Walsh](#)  
**To:** [Michael Bean](#); [Pat Deibert](#)  
**Cc:** [Michael Thabault](#); [nicole\\_alt@fws.gov](mailto:nicole_alt@fws.gov)  
**Subject:** RE: sage grouse "metrics"  
**Date:** Tuesday, May 21, 2013 12:04:31 PM

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Thanks for these thoughts Michael; I think they are very consistent with what we have been thinking. We are also working to ensure that we can display the metrics spatially so we have a clear understanding of how the positive and negative impacts are playing out across the range.

I'm sharing with the rest of our ES leadership as well.

Noreen

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***The Mountain-Prairie Region of the U. S. Fish and Wildlife Service:** We provide conservation stewardship of some of America's most scenic lands, to ensure healthy fish and wildlife for the enjoyment and benefit of all people.*

**From:** Bean, Michael [mailto:[michael\\_bean@ios.doi.gov](mailto:michael_bean@ios.doi.gov)]  
**Sent:** Friday, May 17, 2013 1:45 PM  
**To:** Noreen Walsh; Pat Deibert  
**Subject:** sage grouse "metrics"

Two thoughts about the "metrics" to be discussed at the next task force meeting; (1) whatever they are, they ought to be provided with respect to each PAC, rather than aggregated; (2) in addition to all the positive actions to be tallied, there ought to be an accounting for the negative things that happen as well, such as acres lost to fire, new roads, transmission lines, wind projects, and other forms of development (also specific to each PAC rather than aggregated).

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